

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

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|---|----|--------------|---|------|---------|
| STATE | MA | FIELD OFFICE | All | DATE | 7/30/02 |
| PRACTICE: 466 Land Smoothing | | | NOTES: | | |
| RESOURCE: SOIL | | | | | |
| RESOURCE CONCERN: EROSION | | | | | |
| RESOURCE INDICATORS | | | PHYSICAL EFFECTS | | |
| SHEET AND RILL | | | moderate reduction in sheet and rill erosion | | |
| WIND | | | moderate reduction in wind erosion | | |
| EPHEMERAL GULLY | | | moderate reduction in ephemeral gully erosion | | |
| CLASSIC GULLY | | | N/A | | |
| STREAMBANK | | | N/A | | |
| IRRIGATION INDUCED | | | N/A | | |
| SOIL MASS MOVEMENT | | | N/A | | |
| ROADBANK/CONSTRUCTION | | | N/A | | |
| OTHER | | | | | |
| RESOURCE CONCERN: SOIL CONDITION | | | | | |
| SOIL TILTH | | | N/A | | |
| SOIL COMPACTION | | | N/A | | |
| SOIL CONTAMINATION | | | | | |
| • SALTS | | | N/A | | |
| • ORGANICS | | | N/A | | |
| • FERTILIZERS | | | N/A | | |
| • PESTICIDES | | | N/A | | |
| • OTHER | | | | | |
| DEPOSITION/DAMAGE | | | | | |
| • ONSITE | | | moderate reduction/onsite deposition damage | | |
| • OFFSITE | | | moderate decrease/offsite deposition damage | | |
| DEPOSITION/SAFETY | | | | | |
| • ONSITE | | | moderately improve onsite safety/deposition | | |
| • OFFSITE | | | moderately improve offsite safety hazard/depos. | | |
| OTHER | | | | | |
| RESOURCE: WATER | | | | | |
| RESOURCE CONCERN: WATER QUANTITY | | | | | |
| SEEPS | | | insignificant | | |
| RUNOFF/FLOODING | | | insignificant | | |
| EXCESS SUBSURFACE WATER | | | insignificant | | |
| INADEQUATE OUTLETS | | | N/A | | |
| WATER MGT. IRRIGATION | | | | | |
| • SURFACE | | | N/A | | |
| • SPRINKLER | | | N/A | | |
| WATER MGT. NON-IRRIGATED | | | moderate improvement in moisture use | | |
| RESTRICTED FLOW CAPACITY (H2O convey.) | | | | | |
| • ONSITE | | | insignificant | | |
| • OFFSITE | | | insignificant | | |
| RESTRICTED STORAGE | | | insignificant | | |
| OTHER | | | | | |

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| RESOURCE: WATER | |
| RESOURCE CONCERN: WATER QUALITY | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| GROUNDWATER CONTAMINANTS | |
| • PESTICIDES | N/A |
| • NUTRIENTS AND ORGANICS | N/A |
| • SALINITY | N/A |
| • HEAVY METALS | N/A |
| • PATHOGENS | N/A |
| • OTHER | |
| SURFACE WATER CONTAMINANTS | |
| • PESTICIDES | N/A |
| • NUTRIENTS AND ORGANICS | N/A |
| • SUSPENDED SEDIMENTS | N/A |
| • LOW DISSOLVED OXYGEN | N/A |
| • SALINITY | N/A |
| • HEAVY METALS | N/A |
| • WATER TEMPERATURE | N/A |
| • PATHOGENS | N/A |
| AQUATIC HABITAT SUITABILITY | N/A |
| OTHER | |
| RESOURCE: AIR | |
| RESOURCE CONCERN: AIR QUALITY | |
| AIRBORNE SEDIMENT AND SMOKE PARTICLES | |
| • ONSITE SAFETY | N/A |
| • OFFSITE SAFETY | N/A |
| • ONSITE STRUCT. PROBLEMS | N/A |
| • OFFSITE STRUCT. PROBLEMS | N/A |
| • ONSITE HEALTH | N/A |
| • OFFSITE HEALTH | N/A |
| AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS | N/A |
| AIRBORNE CHEMICAL DRIFT | N/A |
| AIRBORNE ODORS | N/A |
| FUNGI, MOLDS, AND POLLEN | N/A |
| OTHER | |
| RESOURCE CONCERN: AIR CONDITION | |
| AIR TEMPERATURE | N/A |
| AIR MOVEMENT (windbreak effect) | N/A |
| HUMIDITY | N/A |
| OTHER | |

[illegible]

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| RESOURCE: HUMAN | |
| RESOURCE CONCERN: SOCIAL CONSIDERATIONS | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| PUBLIC HEALTH AND SAFETY | N/A |
| PRIVATE/PUBLIC VALUES | N/A |
| CLIENT CHARACTERISTICS | N/A |
| RISK TOLERANCE | N/A |
| TENURE | N/A |
| OTHER | |
| RESOURCE CONCERN: CULTURAL CONSIDERATIONS | |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES | N/A |
| SIGNIFICANCE OF CULTURAL RESOURCES | N/A |
| MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS | N/A |
| OTHER | |
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